

03599407 DUCK RIVER AT MILE 166.1 NEAR POTTSVILLE, TN

LOCATION.--Lat 35°37'51", long 86°51'43", Maury County, Hydrologic Unit 06040002, in the Spring Hill Water Compound, and at mile 166.1.

DRAINAGE AREA.--1016 mi².

PERIOD OF RECORD.--January 2004 to September 2004.

GAGE.--Data collection platform. Datum of gage is 582.88 ft above NGVD of 1929.

REMARKS.--Records fair. Periodic observations of water temperature and specific conductance are published in this report as miscellaneous water-quality data.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period, 40,600 ft³/s, Feb. 6; maximum gage height, 41.02 ft, Feb. 6; minimum daily discharge, 117 ft³/s, May 29.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	1,960	668	822	408	251	1,430	7,800	558	503
2	---	---	---	1,440	558	5,360	349	266	878	4,850	349	431
3	---	---	---	1,120	698	5,560	297	469	522	3,540	307	423
4	---	---	---	824	775	3,460	265	566	1,620	2,570	285	614
5	---	---	---	1,270	11,000	3,040	240	535	848	5,290	296	449
6	---	---	---	3,930	36,700	18,000	219	353	493	3,430	448	414
7	---	---	---	2,160	37,900	20,100	207	286	375	5,280	379	944
8	---	---	---	1,490	20,900	7,960	202	247	325	6,510	309	1,250
9	---	---	---	1,410	7,480	5,390	199	218	299	4,660	277	770
10	---	---	---	1,290	5,730	4,430	188	206	382	3,230	259	358
11	---	---	---	1,070	4,880	3,230	179	3,280	394	2,800	255	268
12	---	---	---	857	4,500	1,770	1,000	1,530	313	1,650	267	249
13	---	---	---	519	4,590	1,330	9,410	600	759	1,050	283	242
14	---	---	---	447	3,750	733	12,200	529	1,420	1,420	279	261
15	---	---	---	477	3,060	568	5,800	676	1,410	3,790	249	240
16	---	---	---	490	5,200	647	3,250	1,280	1,460	2,210	238	349
17	---	---	---	462	4,790	1,420	1,890	942	1,120	1,700	233	8,740
18	---	---	---	1,450	5,910	886	1,360	633	634	1,510	227	7,800
19	---	---	---	2,010	4,640	772	1,060	375	581	1,230	223	2,230
20	---	---	---	1,210	3,840	663	849	298	446	713	336	1,170
21	---	---	---	823	3,120	567	586	248	378	557	1,340	809
22	---	---	---	680	2,380	522	502	210	730	445	945	625
23	---	---	---	572	1,890	449	485	181	7,690	358	517	510
24	---	---	---	489	1,610	399	499	165	7,040	308	400	441
25	---	---	---	2,430	1,290	361	403	148	9,450	362	1,120	402
26	---	---	---	5,790	922	330	385	135	29,500	553	1,500	361
27	---	---	---	3,090	917	308	720	128	20,100	524	666	331
28	---	---	---	2,020	810	289	491	122	7,020	417	526	309
29	---	---	---	1,510	724	281	349	117	5,830	354	491	290
30	---	---	---	971	---	367	281	120	5,270	319	474	272
31	---	---	---	801	---	465	---	645	---	319	506	---
TOTAL	---	---	---	45,062	181,232	90,479	44,273	15,759	108,717	69,749	14,542	32,055
MEAN	---	---	---	1,454	6,249	2,919	1,476	508	3,624	2,250	469	1,068
MAX	---	---	---	5,790	37,900	20,100	12,200	3,280	29,500	7,800	1,500	8,740
MIN	---	---	---	447	558	281	179	117	299	308	223	240
(†)	---	---	---	-1,300	300	6,400	9,200	200	400	-600	-700	-3,500
MEAN(‡)	---	---	---	1,412	6,260	3,125	1,782	515	3,637	2,231	447	952
CFSM(†)	---	---	---	1.39	6.16	3.08	1.75	0.51	3.58	2.20	0.44	0.94
IN.(‡)	---	---	---	1.60	6.64	3.55	1.96	0.58	3.99	2.53	0.51	1.05

(†) Change in contents, in cfs-days in Normandy Lake.

(‡) Adjusted for change in content.

NOTE.--Contents(cfs-days) for adjustments furnished by Tennessee Valley Authority.

03599407 DUCK RIVER AT MILE 166.1 NEAR POTTSVILLE, TN—Continued

